

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1(currently amended). An artificial hip joint without a shaft, comprising:

an enhancing bone plate, for supporting a femur, and said enhancing bone plate including more than one hole for passing a fixing element capable of fixing said enhancing bone plate onto the surface of said femur, said enhancing bone plate including an opening hole disposed at a predetermined position;

an enhancing bone screw, for passing through said enhancing bone plate and into said femur, said enhancing bone screw including a head section disposed at an end having an area larger than the area of said opening hole , and an internal thread;

a center bone screw including an external thread at its periphery for being screwed with said enhancing bone screw ~~being screwed with said enhancing bone screw~~, and another end of said center bone screw being exposed from a femur neck; and

a femur neck protecting device, being coupled to another end that said center bone screw is not coupled with said enhancing bone screw, for protecting said femur neck, said femur neck protecting device comprises a hollow sleeve, and said hollow sleeve includes an externally extended and slightly curved flange disposed at an end of the periphery of said hollow sleeve and an inwardly withdrawn neck section protruded from another end of said hollow sleeve, such that said neck section is coupled precisely to said center bone screw, and said sleeve includes at least one hole disposed at said flange.

2(original). The artificial hip joint without a shaft of claim 1, wherein said fixing element is a screw.

3(canceled).